

Datasheet for ABIN7425848

anti-MUC1 antibody (AA 1034-1151)[Go to Product page](#)**2** Images

Overview

Quantity:	100 µL
Target:	MUC1
Binding Specificity:	AA 1034-1151
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This MUC1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Monoclonal Antibody to Mucin 1 (MUC1)
Immunogen:	Recombinant Mucin 1 (MUC1) corresponding to Pro1034~Gln1151 with N-terminal His Tag
Clone:	C1
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against MUC1. It has been selected for its ability to recognize MUC1 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

Target Details

Target:	MUC1
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Target Details

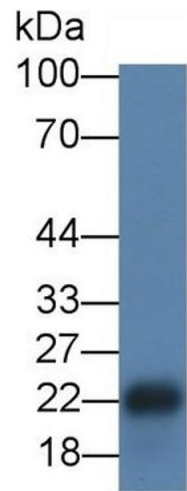
Alternative Name:	MUC1 (MUC1 Products)
Background:	CD227, EMA, H23AG, KL-6, PEM, PEMT, PUM, CA15-3, CA153, Cancer antigen 15-3, Carcinoma-associated mucin, Episialin, Peanut-reactive urinary mucin, Polymorphic epithelial mucin
UniProt:	P15941
Pathways:	Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Western blotting: 0.01-2 µg/mL, Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

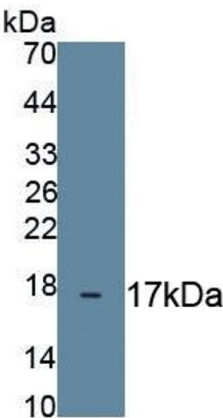
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C, -20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



Western Blotting

Image 1. Detection of MUC1 in Human Milk using Monoclonal Antibody to Mucin 1 (MUC1)



Western Blotting

Image 2. Detection of Recombinant MUC1, Human using Monoclonal Antibody to Mucin 1 (MUC1)